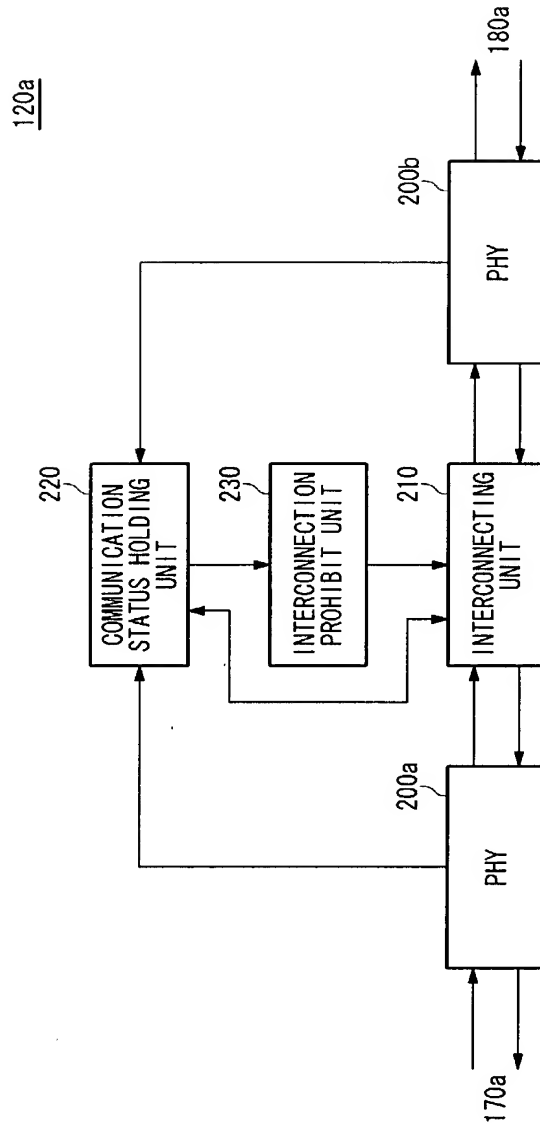


IP2112010US

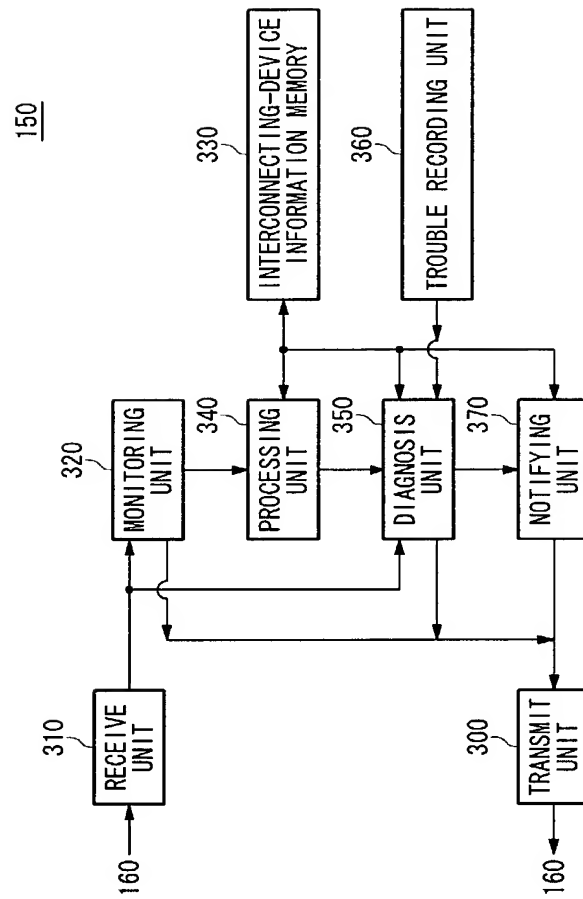
2/9

FIG. 2



IP2112010US

FIG. 3



IP2112010US

FIG. 4

340

| ID | DEVICE | TYPE | DESTINATION ID |
|-----|-------------------------------|--------------------------|----------------------------|
| 001 | MANAGEMENT APPARATUS 150 | SERVER | 002-0 |
| 002 | INTERCONNECTING APPARATUS 110 | ROUTER | PORT 0:001 |
| 003 | INTERCONNECTING DEVICE 120a | INTERCONNECTING DEVICE M | PORT 0:002-1, PORT 1:004-0 |
| 004 | INTERCONNECTING DEVICE 120b | INTERCONNECTING DEVICE M | PORT 0:003-1, PORT 1:005 |
| 005 | TERMINAL 140a | CLIENT | 004-1 |
| 006 | INTERCONNECTING DEVICE 130a | INTERCONNECTING DEVICE | PORT 0:002-2, PORT 1:007-0 |
| 007 | INTERCONNECTING DEVICE 120c | INTERCONNECTING DEVICE M | PORT 0:006-1, PORT 1:008 |
| 008 | TERMINAL 140b | CLIENT | 007-1 |
| 009 | INTERCONNECTING DEVICE 130b | INTERCONNECTING DEVICE | PORT 0:002-3, PORT 1:010-0 |
| 010 | INTERCONNECTING DEVICE 130c | INTERCONNECTING DEVICE | PORT 0:009-1, PORT 1:011 |
| 011 | TERMINAL 140c | CLIENT | 010-1 |

IP2112010US

5/9

FIG. 5

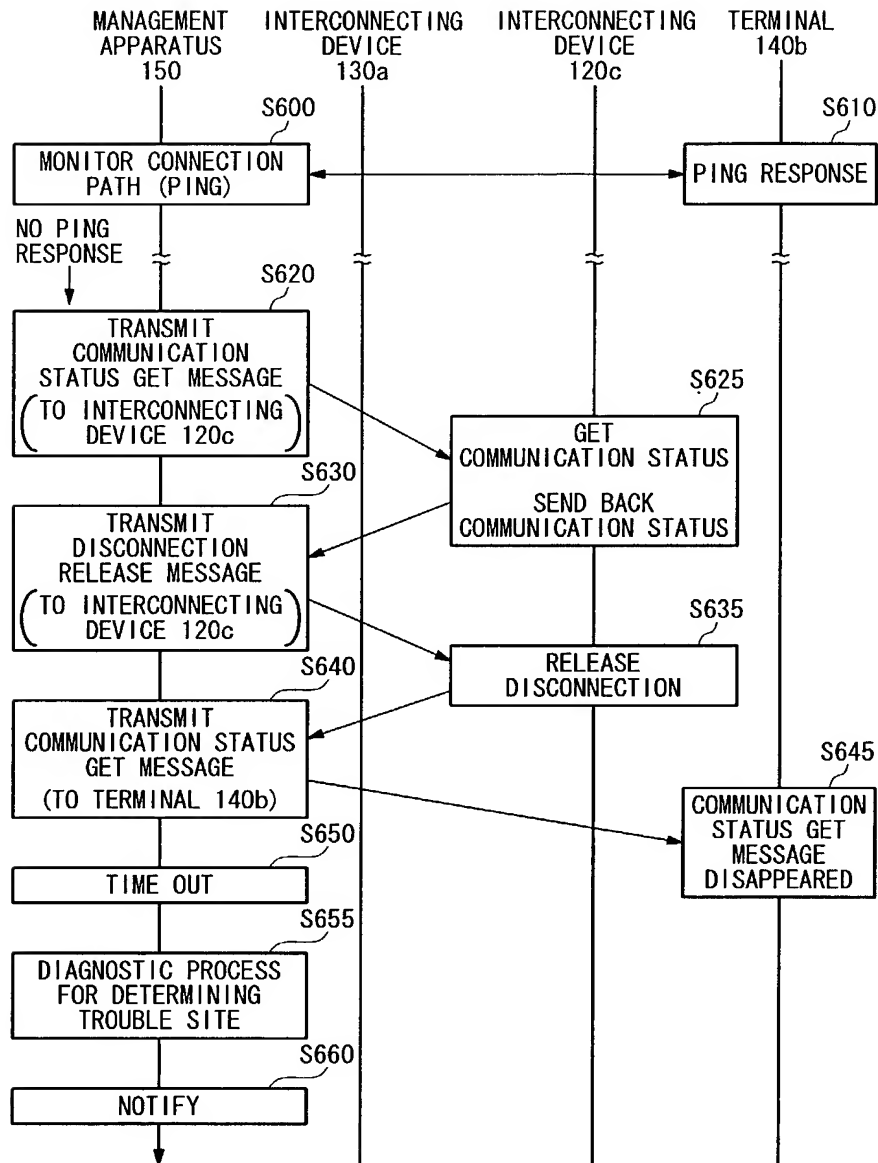
360

| # | DATE AND TIME | TROUBLE SITE |
|---|------------------|--------------|
| 1 | 2000/10/29 17:05 | 003 |
| 2 | 2000/11/15 8:53 | 004-1~005 |
| | | |

IP2112010US

6/9

FIG. 6



IP2112010US

FIG. 7

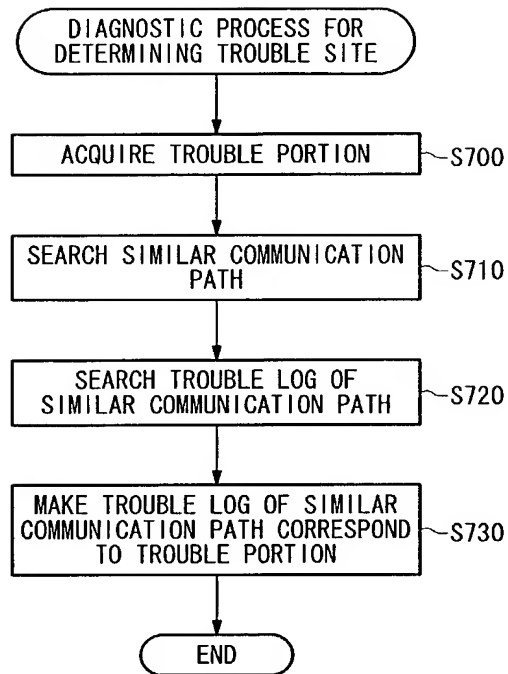
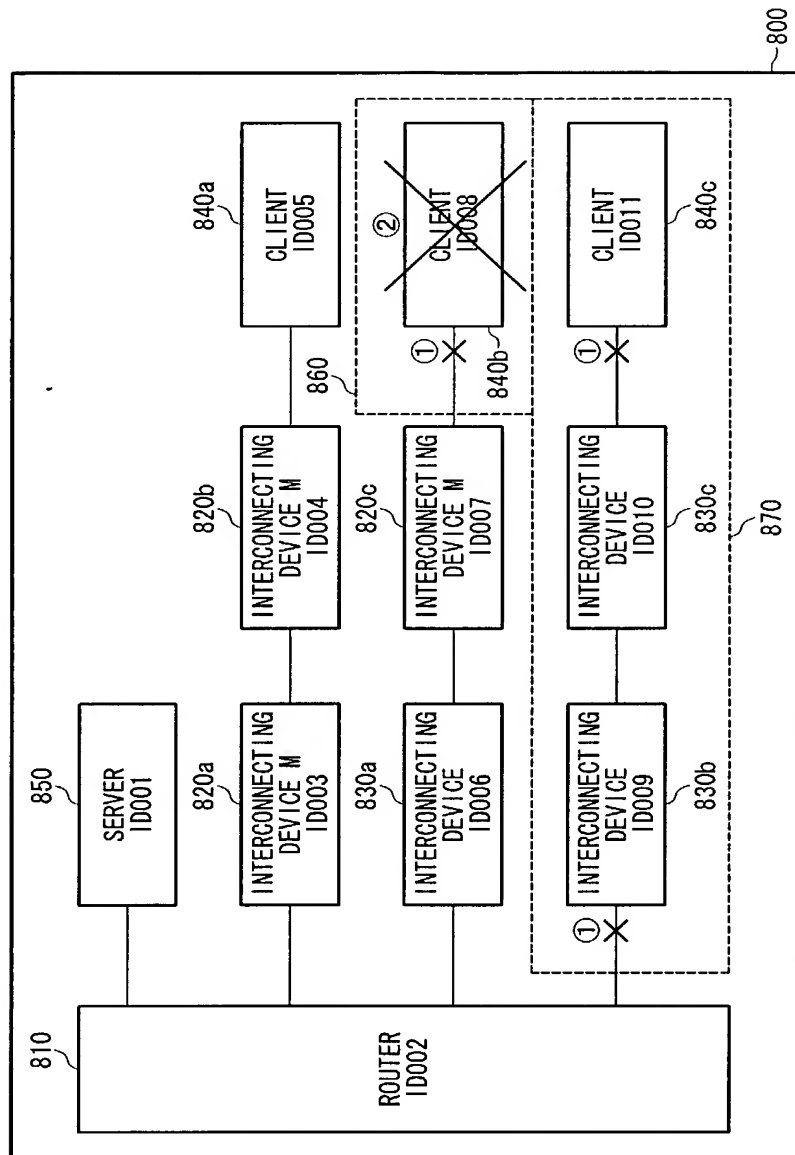
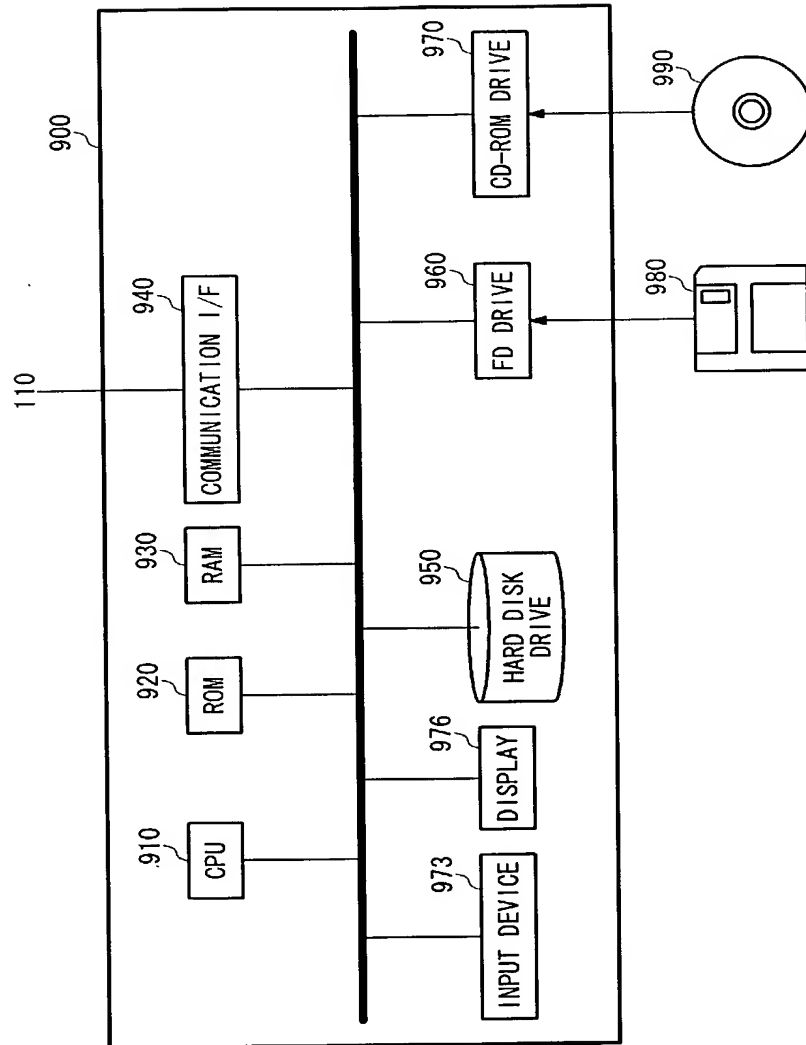


FIG. 8



IP2112010US

FIG. 9



IP2112010US